

AMENDMENTS TO THE CLAIMS

1-112. (Cancelled)

113. (Withdrawn) A method for inhibiting an interaction between a protein that interacts with a c-Jun protein and the c-Jun protein, which comprises adding, to a system in which an interaction between the protein and the c-Jun protein occurs, a protein of the following (a) or (b):

(a) a protein comprising any one of the amino acid sequences of

SEQ ID NOS: 120 and 121,

(b) a protein that comprises an amino acid sequence showing a homology of 95% or more to any one of the amino acid sequences of SEQ ID NOS: 120 and 121, and interacts with the c-Jun protein.

114. (Withdrawn) The method according to claim 113, wherein the protein of (a) or (b) comprises any one of the amino acid sequences of SEQ ID NOS: 120 and 121.

115. (Withdrawn) The method according to claim 114, wherein the protein of (a) or (b) is a protein translated from a nucleic acid of the following (a) or (b):
(a) a nucleic acid comprising any one of the nucleotide sequences of SEQ ID NOS: 250 and 251,
(b) a nucleic acid that hybridizes with a nucleic acid comprising any one of the nucleotide sequences of SEQ ID NOS: 250 and 251, under a stringent condition comprising washing in 0.1 x SSC/0.1% SDS for 15 minutes at 60°C and encodes a protein that interacts with the c-Jun protein.

116. (Withdrawn - Currently Amended) The method according to claim 115, wherein the nucleic acid comprises any one of the nucleotide sequences of SEQ ID NOS: 250 and 251;

117. (Currently Amended) A method for detecting an interaction between a bait and a prey, which comprises bringing the bait and the prey into contact and detecting a complex formed by the contact, wherein the prey is a c-Jun protein, and wherein the bait is a protein of the

following (a) or (b) or a protein translated from a nucleic acid of the following (a') or (b'):

(a) a protein comprising any one of the amino acid sequences of SEQ ID NOS: 120 and 121,

(b) a protein that comprises an amino acid sequence showing a homology of 95% or more to any one of the amino acid sequences of SEQ ID NOS: 120 and 121, and interacts with a c-Jun protein,

(a') a nucleic acid comprising any one of the nucleotide sequences of SEQ ID NOS: 250 and 251,

(b') a nucleic acid that hybridizes with a nucleic acid comprising any one of the nucleotide sequences of SEQ ID NOS: 250 and 251, under a stringent condition comprising washing in 0.1 x SSC/0.1% SDS for 15 minutes at 60°C and encodes a protein that interacts with a c-Jun protein.

118. (Previously Presented) The method according to claim 117, wherein the protein comprises any one of the amino acid sequences of SEQ ID NOS: 120 and 121.

119. (Previously Presented) The method according to claim 117, wherein the nucleic acid comprises any one of the nucleotide sequences of SEQ ID NOS: 250 and 251.

120. (Previously Presented) A method for screening for a prey that interacts with a bait, which comprises the step of detecting an interaction between the bait and a prey by the method according to claim 117 and the step of selecting a prey for which an interaction is detected.

121. (Previously Presented) A method for screening for a prey that interacts with a bait, which comprises the step of detecting an interaction between the bait and the prey by the method according to claim 118 and the step of selecting a prey for which an interaction is detected.

122. (Previously Presented) A method for screening for a prey that interacts with a bait, which comprises the step of detecting an interaction between the bait and a prey by the method according to claim 119 and the step of selecting a prey for which an interaction is detected.